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Application No.

09/852,663

Examiner

Gabriel I Garcia

ı

Applicant(s)

SAKAMOTO, KAZUYA

**Art Unit** 

2624

√ Rejected
= Allowed

(Through numeral)
 Cancelled

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Restricted

N Non-Elected

Interference

A Appeal

O Objected

|              |                  |                 |                                                  |          |           |                                                  |          |                                                  |          |               | _   |
|--------------|------------------|-----------------|--------------------------------------------------|----------|-----------|--------------------------------------------------|----------|--------------------------------------------------|----------|---------------|-----|
|              |                  |                 |                                                  |          |           |                                                  |          |                                                  |          | 1.0 0         | _   |
| Cli          | aim              | L               |                                                  |          |           | Date                                             | -        |                                                  |          | _             | L   |
| _            | <u></u>          | 10)<br>31<br>04 |                                                  |          |           |                                                  |          |                                                  |          | india an      | l   |
| Final        | Original         | 21              |                                                  |          |           |                                                  |          |                                                  |          | 4.5           |     |
| iī.          | 5                | اندا            |                                                  |          |           |                                                  |          |                                                  |          | Le.           |     |
|              | L                | 04              |                                                  |          |           |                                                  |          |                                                  |          |               | L   |
|              | (1)              | 1               | •                                                |          |           |                                                  |          |                                                  |          |               | L   |
|              | 2<br>3<br>4<br>5 | V               |                                                  |          |           |                                                  |          |                                                  |          |               | Γ   |
|              | 3                | 1/1             |                                                  |          |           |                                                  |          |                                                  |          |               | Γ   |
|              | 4                | П               |                                                  | m        |           |                                                  |          |                                                  |          |               | r   |
|              | 5                |                 |                                                  | Ė        |           | _                                                |          |                                                  |          |               | r   |
|              | (6)              |                 |                                                  | T        |           |                                                  |          | _                                                |          |               | t   |
|              | 7                | H               | _                                                |          | <u> </u>  | $\vdash$                                         |          | <u></u>                                          |          |               | ŀ   |
|              | (8)              | H               |                                                  | $\vdash$ | $\vdash$  |                                                  | -        |                                                  | -        |               | ł   |
|              | 130              | 1               | _                                                | ├        |           | _                                                |          | $\vdash$                                         | ┢        |               | ŀ   |
|              | 9                | W               | _                                                |          | -         | ├                                                | _        | -                                                | -        |               | ŀ   |
|              | <u> </u>         | I.W.            |                                                  | -        | ┡         | -                                                |          | <u> </u>                                         |          |               | ŀ   |
| 43           | 11               | V               |                                                  | ļ        | <u> </u>  |                                                  | -        |                                                  |          |               | F   |
|              | 12<br>13         |                 | <u> </u>                                         | Ŀ        | L_        | <u> </u>                                         | <u> </u> | ļ                                                | <u> </u> | Ш             | F   |
|              | 13               | ļ               |                                                  | <u> </u> | <u> </u>  |                                                  |          | <u> </u>                                         | <u> </u> |               | 1   |
|              | 14<br>15         |                 |                                                  |          |           |                                                  |          | _                                                |          |               | L   |
|              | 15               |                 | L                                                | L        | L         |                                                  |          |                                                  |          | 134           | 1   |
|              | 16               |                 |                                                  | Π        |           |                                                  |          |                                                  |          |               |     |
|              | 17               |                 |                                                  | Г        |           |                                                  |          | ١.                                               |          |               | ſ   |
|              | 18               | <b> </b>        | Т                                                | T        |           |                                                  |          |                                                  |          |               | t   |
|              | 19               |                 | ┢                                                |          | Ė         |                                                  |          | <b>-</b>                                         | Ť        |               | t   |
|              | 20               | $\vdash$        | -                                                | 1        | İ         |                                                  | t        | <del>                                     </del> | <u> </u> |               | ŀ   |
|              | 21               | +               |                                                  | +        | H         | Ė                                                | -        | ╁╌                                               |          |               | ŀ   |
|              | 22               | +               | -                                                | 1        | -         | -                                                |          | ┼─                                               |          | H             | ŀ   |
| -            | 23               | -               | -                                                | +        | $\vdash$  | 1                                                |          | <del> </del>                                     |          | H             | ŀ   |
|              | 24               | ┼               | -                                                | ╁        | -         | ├                                                | -        | -                                                | ┢        | +             |     |
|              | 24               | +               | -                                                | ₽        |           | ┢                                                |          | ├                                                | $\vdash$ | $\vdash$      | ŀ   |
|              | 25               |                 |                                                  | -        | <u> </u>  | <u> </u>                                         | _        | -                                                | <u> </u> |               | -   |
|              | 26               | ļ               |                                                  | <u> </u> | ١.,       | <u> </u>                                         | <u> </u> | <u> </u>                                         | ļ        | 1             | 1   |
|              | 27               | _               | <u> </u>                                         | _        | <u> </u>  |                                                  |          |                                                  | ļ        |               | 1   |
|              | 28               |                 |                                                  | _        |           |                                                  | <u> </u> | ļ.                                               |          |               | 1   |
| L.           | 29               |                 |                                                  |          |           |                                                  |          |                                                  |          | 540           | L   |
|              | 30               |                 |                                                  |          | [         |                                                  |          | 1                                                | l        | 51.08<br>Fact |     |
|              | 31               |                 | Γ                                                |          | П         | Г                                                |          | Τ.                                               | Ι.       |               | 4   |
|              | 32               |                 |                                                  |          |           |                                                  | 1        | ľ                                                | Г        |               | Ī   |
| l            | 33               | <b> </b>        | t                                                |          | t         | <del>                                     </del> | T        | †                                                | 1        |               | ı   |
|              | 34               | +               | t                                                | Ť        | +-        | 1                                                |          |                                                  | $\top$   | $\Box$        | ŀ   |
|              | 35               |                 | <del> </del>                                     | 1        |           | $t^-$                                            | Ť        | †                                                | †        |               | ł   |
| <u> </u>     | 36               | +               | <del>                                     </del> | +-       | +         | t                                                | 1        | H                                                | t        | +             | ł   |
| <u> </u>     | 37               | +               | 1                                                | ╁        | +         | +                                                | $\vdash$ | +                                                | +        | ++            | 1   |
|              |                  | -               | ╁                                                | +        | ╁         | ╁                                                | ╁        | +                                                | ┼        | ++            | 1   |
|              | 38               | -               | ├                                                | ┼        | ļ         | -                                                | ├        | ┼                                                | ╁        | +             | 1   |
|              | 39               | -               |                                                  | +        | -         | -                                                | ┼        | -                                                | ₩        | Щ.            | 1   |
| ļ            | 40               | -               |                                                  | 1        | 1         | 1                                                | <u> </u> |                                                  | 1        |               |     |
| L            | 41               | $\perp$         | 1_                                               | 1_       | 1         | <u> </u>                                         | _        | $\perp$                                          | <u> </u> | 1             | ļ   |
| <u> </u>     | 42               | 1_              | _                                                | $\perp$  |           | L                                                | _        | ļ_                                               |          |               | l   |
| $oxed{oxed}$ | 43               | $\perp$         | L                                                | $\perp$  |           |                                                  |          |                                                  | L        |               |     |
| $\Box^-$     | 44               | Ι.              |                                                  |          |           |                                                  |          |                                                  |          |               |     |
| $\Box$       | 45               | T               | Π                                                | $\top$   | Τ         |                                                  |          | Т                                                |          |               | ľ   |
|              | 46               | †               | 1                                                | T        | T         | †                                                | †        | 1                                                | T        | $\square$     | ŀ   |
|              | 47               | +               | $t^{-}$                                          | T        | $\dagger$ | T                                                | t        | T                                                | $t^-$    | H             | ŀ   |
| <u> </u>     | 48               | ╁               | $\vdash$                                         | +        | +         | +-                                               | ╁╌       | +                                                | $\vdash$ | $H^{\perp}$   | ŀ   |
| <b>-</b>     | 49               | +               | +                                                | +        | +         | ╁                                                | ╁        | +-                                               | +        | +             | ŀ   |
| <u> </u>     | 50               | +-              | +                                                | +        | ╂         | +                                                | +        | +                                                | +-       |               | ŀ   |
| 1            | Lου              |                 | 1                                                | 1        |           | 1                                                |          |                                                  | 1        |               | : [ |

| Cla      | aim      |                                                  |          |                                                  | [        | Date     | •        |          |              |          |      | Cla      | aim               |          | _            |
|----------|----------|--------------------------------------------------|----------|--------------------------------------------------|----------|----------|----------|----------|--------------|----------|------|----------|-------------------|----------|--------------|
| Final    | Original |                                                  |          |                                                  |          |          |          |          |              |          |      | Final    | Original          |          |              |
|          | 51       |                                                  |          |                                                  |          |          |          |          |              |          |      |          | 101               |          |              |
|          | 52       |                                                  |          |                                                  |          |          |          |          |              |          |      |          | 102               | _        | ,            |
|          | 53       |                                                  |          |                                                  |          |          | ,        |          |              |          |      |          | 103               |          |              |
|          | 54       |                                                  |          |                                                  |          |          |          |          |              |          |      |          | 104<br>105        |          |              |
|          | 55       |                                                  |          |                                                  |          |          |          |          |              |          |      |          | 105               |          |              |
|          | 56       |                                                  |          |                                                  |          |          |          |          |              |          |      |          | 106               |          |              |
|          | 57       |                                                  |          |                                                  |          |          |          |          |              |          |      |          | 107               |          |              |
|          | 58       |                                                  |          |                                                  |          |          |          |          |              |          |      |          | 108               |          |              |
|          | 59       |                                                  |          |                                                  | <u> </u> | L        | <u> </u> |          |              |          |      |          | 109               |          | L.           |
|          | 60       |                                                  |          | <u> </u>                                         |          |          | <u> </u> |          |              |          |      |          | 110               |          |              |
|          | 61       |                                                  |          | <u> </u>                                         | <u> </u> |          |          |          | _            | Ш        |      |          | 111               |          | L            |
|          | 62       | ļ                                                |          |                                                  |          | _        | L        | L        | L            | Щ        |      |          | 112               | ldash    | _            |
|          | 63       | _                                                | L.       |                                                  | _        |          | <u> </u> | <u> </u> |              |          |      |          | 113               |          | Ь            |
|          | 64       | ļ                                                | _        | ļ                                                | L        |          | <u> </u> | L.       |              |          |      |          | 114               | <u> </u> | <b>-</b>     |
| <u> </u> | 65       |                                                  | <b>!</b> |                                                  | <u> </u> |          | ┝        | _        | <u> </u>     |          |      |          | 115               |          | <u> </u>     |
|          | 66       |                                                  | -        |                                                  |          | <u> </u> | ├-       | ļ.,      |              | Щ        |      |          | 116               |          | <u> </u>     |
|          | 67       | <u> </u>                                         | <u> </u> | <u> </u>                                         |          | _        | -        | <u> </u> | ļ            | Н        | 15   |          | 117               |          | <del> </del> |
|          | 68       | ļ                                                | <u> </u> | <u> </u>                                         |          | ⊢        | -        | ļ        |              |          | 41   |          | 118               |          | -            |
|          | 69       | <b> </b>                                         |          | -                                                | -        | ļ        | -        | -        | -            | $\vdash$ |      |          | 119               | -        | ⊢            |
|          | 70       | ┢                                                | -        | <u> </u>                                         | -        | ⊢        | -        | ļ        | ├            | Н        |      |          | 120               |          | ┢            |
|          | 71       | ┝                                                | -        |                                                  | -        | ⊢        |          |          | -            | $\vdash$ |      |          | 121<br>122        |          | <del> </del> |
|          | 72       | ┝                                                | -        | <u> </u>                                         |          | ┝        | ├        | ₩        | <del> </del> | -        |      |          | 122               |          | ├╌           |
|          | 73<br>74 | $\vdash$                                         | $\vdash$ | $\vdash$                                         |          | $\vdash$ | ┝        |          | $\vdash$     | Н        |      |          | 123<br>124        |          | $\vdash$     |
| <u> </u> | 75       | $\vdash$                                         | ├        | -                                                |          | ┢        | $\vdash$ | -        | ╁╌           | Н        | H    |          | 125               | $\vdash$ | ╁╌           |
| -        | 76       | ├                                                | ├        | $\vdash$                                         | H        | -        | H        |          | ╁            | H        | Fri. |          | 126               |          | ┢╌           |
|          | 77       | $\vdash$                                         | $\vdash$ | $\vdash$                                         | +-       |          | $\vdash$ | $\vdash$ | $\vdash$     | Н        |      |          | 127               |          | H            |
| -        | 78       | <del>                                     </del> |          | <del>                                     </del> | $t^-$    |          | T        | T        | $\vdash$     |          |      |          | 128<br>129<br>130 |          |              |
|          | 79       |                                                  |          |                                                  | ļ        |          |          | T        |              |          |      |          | 129               |          | T            |
|          | 80       | 1                                                |          | T                                                | П        | П        |          | $\vdash$ | 1            |          |      |          | 130               |          |              |
|          | 81       |                                                  |          |                                                  |          |          |          |          |              |          |      |          | 131<br>132        | Γ.       | T            |
|          | 82       |                                                  |          |                                                  |          |          |          |          |              |          |      |          | 132               |          | П            |
|          | 83       |                                                  |          |                                                  |          |          |          |          |              |          |      |          | 133               |          | П            |
|          | 84       |                                                  |          |                                                  |          |          |          |          |              |          |      |          | 134               |          |              |
|          | 85       |                                                  |          |                                                  |          | <u> </u> | ļ        |          |              |          |      |          | 135               |          | L            |
|          | 86       |                                                  | L        | <u> </u>                                         | <u> </u> |          |          | <u> </u> |              |          |      |          | 136               |          | L            |
| <u> </u> | 87       | L.                                               |          |                                                  | L        |          |          | <u> </u> |              |          |      |          | 137               |          | <u> </u>     |
|          | 88       | L.                                               | <u> </u> |                                                  | L        | L        | 1_       | <u> </u> | _            |          |      |          | 138               |          | L            |
|          | 89       | <u> </u>                                         | Ŀ        | $oxed{oxed}$                                     | ╙        | ╙        | ╙        |          | ╙            |          |      |          | 139               | <u> </u> | $\perp$      |
|          | 90       | 1_                                               | L        | <u> </u>                                         | ┺        | _        | <u> </u> | ╙        |              | _        |      |          | 140               |          | Ļ.           |
|          | 91       |                                                  | <u> </u> | _                                                | <u> </u> | <u> </u> | <u> </u> | 1        | 1_           | <u> </u> |      |          | 141               |          | <u> </u>     |
|          | 92       | ļ.,                                              | ↓_       | <u> </u>                                         | ┺        | _        | ┶        | ╄        | ╄-           |          |      |          | 142               | _        | -            |
|          | 93       | ļ                                                | ┞-       | $\vdash$                                         | 1        | 1        | 1        | 1        | -            |          |      |          | 143               | _        | ╁.           |
|          | 94       | -                                                | 1        | ╄                                                | ├        | <u> </u> | ╄        | $\vdash$ | 4_           | <u> </u> |      |          | 144               | -        | ┼-           |
|          | 95       | ┼-                                               | ┼        | ┼-                                               | 1        | -        | $\vdash$ | 1        | -            |          |      | <u> </u> | 145               | ╄        | ╀            |
| <u> </u> | 96       | ┼-                                               | +-       |                                                  | $\vdash$ | +        | $\vdash$ | +        | +            | ┼—       |      | <u> </u> | 146<br>147        | $\vdash$ | ╀            |
| -        | 97<br>98 | -                                                | ╀        | -                                                | $\vdash$ | -        | $\vdash$ | $\vdash$ | +            | 1        |      |          | 147               | +        | +            |
|          | 98       | +-                                               | ┢        | +                                                | ╁        | -        | ╁        | +        | +            | ┢        |      | <u> </u> | 149               | +-       | +            |
| -        | 100      | <del> </del>                                     | +        | $\vdash$                                         | +        | $\vdash$ | $\vdash$ | +        | +            | $\vdash$ | ł    | $\vdash$ | 150               | $\vdash$ | +            |
| <u> </u> | 1 100    | 1                                                | Ь        |                                                  | <u> </u> | 1        | 1        | 1        | 1            | Į        | J    |          | 100               | _        | _            |

|    | Cla         | aim                                                                                     | Date     |              |                |            |          |                                                  |                |              |                         |
|----|-------------|-----------------------------------------------------------------------------------------|----------|--------------|----------------|------------|----------|--------------------------------------------------|----------------|--------------|-------------------------|
|    |             | 1                                                                                       |          |              |                |            |          |                                                  |                |              | $\Box$                  |
|    |             | जू                                                                                      |          | 1            |                |            |          |                                                  |                |              |                         |
|    | Final       | Original                                                                                |          |              |                |            |          | ļ                                                |                |              |                         |
|    | 证           | اج                                                                                      | ł        |              |                |            |          |                                                  |                |              |                         |
|    |             | - 1                                                                                     |          |              |                |            |          |                                                  |                |              |                         |
| 74 |             | 101                                                                                     |          |              | -              |            |          |                                                  |                |              |                         |
|    |             | 101<br>102                                                                              |          |              |                |            |          |                                                  |                |              |                         |
|    |             | 103                                                                                     |          |              | $\vdash$       |            |          |                                                  |                |              |                         |
|    |             | 104                                                                                     |          |              | <del> </del>   | ┝┈         |          | _                                                |                |              | -                       |
|    |             | 104                                                                                     | -        |              |                |            |          |                                                  |                |              |                         |
|    |             | 104<br>105<br>106                                                                       | -        |              |                |            |          |                                                  |                |              | H                       |
|    |             | 106                                                                                     | _        |              |                |            | $\vdash$ |                                                  |                |              |                         |
|    |             | 107                                                                                     |          |              |                |            |          |                                                  |                |              |                         |
|    |             | 108                                                                                     | _        |              |                |            |          |                                                  |                |              |                         |
|    |             | 109                                                                                     |          |              |                |            |          |                                                  |                |              | L                       |
|    |             | 110                                                                                     |          |              |                |            |          |                                                  |                |              |                         |
|    |             | 111                                                                                     |          |              |                |            |          |                                                  |                |              |                         |
| 1  | l           | 112                                                                                     |          |              |                | Г          |          |                                                  | _              |              | П                       |
|    | <del></del> | 113                                                                                     |          |              | $\vdash$       | t          | T .      |                                                  |                |              | $\vdash$                |
|    |             | 11/                                                                                     |          |              |                |            | $\vdash$ | $\vdash$                                         |                |              | $\vdash$                |
|    | <u> </u>    | 114<br>115                                                                              |          |              | <del>  -</del> | $\vdash$   | $\vdash$ | $\vdash$                                         |                | -            | $\vdash$                |
|    | $\vdash$    | 110                                                                                     |          | ·            |                |            | ├-       |                                                  |                | $\vdash$     | $\vdash$                |
|    |             | 116                                                                                     |          |              | <u> </u>       |            |          |                                                  |                |              | Ш                       |
|    |             | 117<br>118                                                                              |          |              |                |            |          |                                                  |                |              | Ш                       |
| 11 |             | 118                                                                                     |          |              |                |            | <u> </u> |                                                  |                | L            | Lil                     |
|    |             | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 |          |              |                | <u>\</u>   | <u> </u> |                                                  |                |              |                         |
|    |             | 120                                                                                     |          |              |                |            |          |                                                  |                |              |                         |
|    |             | 121                                                                                     |          |              |                |            |          |                                                  |                |              | П                       |
|    |             | 122                                                                                     |          |              | 1              |            |          |                                                  |                |              |                         |
|    |             | 123                                                                                     |          | <u> </u>     | 1-             |            |          | $\vdash$                                         |                | <b>-</b>     | Н                       |
|    |             | 124                                                                                     |          | -            | -              | $\vdash$   | $\vdash$ |                                                  |                |              | Н                       |
|    |             | 124                                                                                     | _        | <u> </u>     | -              | ⊢          | ⊢        |                                                  |                |              | $\vdash$                |
|    | -           | 125                                                                                     |          | -            | _              | ├          |          | <del> </del>                                     | _              | -            | Н                       |
|    |             | 126                                                                                     |          | <u> </u>     | ├              | ⊢          | ļ.,      | ļ                                                | <u> </u>       | _            | Ш                       |
|    |             | 127                                                                                     |          | <u> </u>     | <u> </u>       | <u> </u>   | ļ        |                                                  | <u> </u>       | ļ            | I                       |
|    |             | 128                                                                                     |          |              |                |            | ļ        |                                                  |                | <u> </u>     |                         |
|    |             | 129                                                                                     |          |              | <u> </u>       |            | <u> </u> |                                                  |                |              |                         |
|    |             | 130                                                                                     | Γ        |              |                |            |          | 1                                                |                |              |                         |
| Ė, |             | 131                                                                                     |          |              |                |            |          |                                                  |                |              |                         |
| #  |             | 132                                                                                     | <u> </u> |              | 1              |            | T        | Ì                                                |                | Ī            |                         |
|    |             | 133                                                                                     | -        | $\vdash$     | †              | 1          | !        |                                                  |                |              | $\dagger \lnot \dagger$ |
|    | <del></del> | 133<br>134<br>135                                                                       |          | -            | †-             | +          | +        | <del>                                     </del> |                | $\vdash$     | + - 1                   |
|    | -           | 125                                                                                     |          |              | ╁              | $\vdash$   | $\vdash$ | $\vdash$                                         |                | <del> </del> | $\vdash$                |
|    | <u> </u>    | 133                                                                                     | -        |              | $\vdash$       | $\vdash$   | +        | $\vdash$                                         | $\vdash$       | $\vdash$     | ╆┈┤                     |
|    | <u> </u>    | 136<br>137<br>138<br>139                                                                | 1        |              | ┼-             | $\vdash$   | $\vdash$ | ١.                                               | -              | $\vdash$     | $\vdash$                |
|    | <u> </u>    | 137                                                                                     |          |              | 1              | $\vdash$   | 1        | <del> </del>                                     | <del> </del> — | <b>├</b>     | +                       |
|    | <u> </u>    | 138                                                                                     |          | L-           | $\vdash$       | 1_         | -        | <u> </u>                                         | <u> </u>       | <b>Ļ</b>     | $\sqcup$                |
|    |             | 139                                                                                     |          | L            | L              | <u> </u>   |          |                                                  |                |              |                         |
|    |             | 140                                                                                     |          | L            | L              |            |          | L                                                |                |              |                         |
|    |             | 141                                                                                     |          |              | L              | 1          | $\perp$  | L                                                |                | L            |                         |
|    |             | 142                                                                                     |          | Γ            |                |            |          |                                                  |                |              |                         |
|    |             | 143                                                                                     |          | $T^{-}$      | 1              | T          | 1        | Τ                                                | Π              | Τ            | $\Box$                  |
|    | <b></b>     | 144                                                                                     | $\vdash$ |              | 1              | 1          | T        |                                                  |                | T'-          | T                       |
|    |             | 145                                                                                     | -        | $\vdash$     | +-             | t          | T        | <del>  -</del>                                   | <del>  -</del> | ⇈            | +                       |
|    |             |                                                                                         | ₩        | ├            | +              | +-         | +        | $\vdash$                                         | +              | +            | $\vdash$                |
|    | <b></b>     | 146                                                                                     | ₩        | <del> </del> | +-             | ┼          | +        | -                                                | ├              | ├            | $\vdash$                |
|    | <u></u>     | 147                                                                                     | $\vdash$ | <b>├</b> -   | <del> </del> — | <b>↓</b> — | ┼-       | ┼                                                | $\vdash$       |              | $\vdash$                |
|    | <u></u>     | 148                                                                                     | <u> </u> | <u> </u>     | ـ              | 1          | 1        | 1                                                | <u> </u>       | ↓_           | $\sqcup$                |
| 1  | L           | 149                                                                                     |          | L            | L              | ļ          | 1_       | 1                                                |                | _            |                         |
|    |             | 150                                                                                     |          | Ľ            | L              |            |          | 1                                                |                | $\perp$      |                         |
|    |             |                                                                                         | _        |              |                | -          |          | _                                                | _              | _            |                         |